

Our superior quality RF connectors with 1.85mm (V connector, V Type) interface are manufactured with beryllium copper contacts and stainless-steel connector bodies. Our 1.85mm connector provides mode free operation up to 65GHz.

The 1.85mm connectors have M7 threads and are mechanically compatible with 2.40mm connectors. Also known as "V connectors" they cover the V-band frequency. The 1.85mm connectors are used in a wide range of applications including Military, Aerospace, SATCOM, Test & Measurement etc.



Key Features:

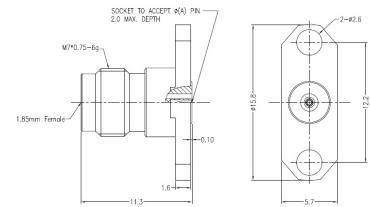
- ◊ 50-ohm Impedance
- ◊ Beryllium Copper Contact Pin
- ◊ Insulation resistance >5000MOhm
- ◊ Body Material available in Stainless Steel Passivation.
- ◊ Durability >500 Cycles
- ◊ Available in Male and Female Threads
- ◊ Available in Plug or Jack

1.85mm Series Flange Mount



RF185A2JEGA

- Max Voltage 150V
- Operating Temperature -40C to +85C
- Frequency Range 0-65GHz
- VSWR <1.30
- Dielectric withstanding Voltage >500V



Part Number	F2 or F4	Plug or Jack	Flange Mount Length	Mount Hole Distance	Socket Diameter
RF185A4JCCA	4	Jack	12.70mm	8.60mm	0.23mm
RF185A4JCCB	4	Jack	12.70mm	8.60mm	0.30mm
RF185A4PCCA	4	Plug	12.70mm	8.60mm	0.23mm
RF185A4PCCB	4	Plug	12.70mm	8.60mm	0.30mm
RF185A2JEGA	2	Jack	15.80mm	12.20mm	0.23mm
RF185A2JEGB	2	Jack	15.80mm	12.20mm	0.30mm

Electrical:

Insulation Resistance: >5000MOhm

Impedance: 50Ohm

Centre Contact Resistance: <4.0mOhms

Outer Contact Resistance: <2.5mOhms

Mechanical:

Centre Contact Retention: >20N

Coupling Torque: 0.80Nm to 1.10Nm

Coupling Torque RPC N: 1.36Nm

Cycles: >500

Material

Body: Passivation of Stainless Steel

Contact: Beryllium Copper

Insulator: UNFILLED ULTEM 1000

RoHS: Compliant

Mouser Electronics

Authorized Distributor

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